

## INTERNATIONAL SEARCH REPORT

Intr      ional Application No  
PCT/US2004/036469

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7      C12Q1/04      C12Q1/37

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7      C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/063693 A (EXPRESSIVE CONSTRUCTS, INC; SANDERS, MITCHELL, C; LOWE, ADRIAN, M; HAM) 7 August 2003 (2003-08-07) cited in the application	1-26
Y	the whole document	4, 18
X	WO 99/38995 A (BIO MERIEUX; ORENGA, SYLVAIN) 5 August 1999 (1999-08-05) the whole document	1-26
Y		4, 18
Y	WO 02/06821 A (HANSA MEDICAL AB; BJORCK, LARS; FRICK, INGA-MARIA; SCHMIDTCHEN, ARTUR) 24 January 2002 (2002-01-24) page 7, paragraphs 2,3 figures 7,8	4, 18

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

16 March 2005

Date of mailing of the international search report

09.06.2005

Name and mailing address of the ISA

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PCT/US2004/036469

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-26 (in part)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

## 1. claims: 1-26 (in part)

Method of detecting the modification of a substrate, comprising:

- (i) contacting a sample with a substrate including a peptide labelled with a colorimetric component; and
- (ii) detecting a visible colour change as a consequence of the colorimetric component being cleaved from the peptide; in particular, wherein the peptide is  
LLGDFFRKSKEKIGKEFKRIVXRIKDFLRNLPRTES.

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## 2. claims: 1-26 (in part)

Method of detecting the modification of a substrate, comprising:

- (i) contacting a sample with a substrate including a peptide labelled with a colorimetric component; and
- (ii) detecting a visible colour change as a consequence of the colorimetric component being cleaved from the peptide; wherein the peptide is one of KAAHKSALKSAE, KKASEAAHKSALKSAE, or CHHHASEAAHKSALKSAE.

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## 3. claims: 1-26 (in part)

Method of detecting the modification of a substrate, comprising:

- (i) contacting a sample with a substrate including a peptide labelled with a colorimetric component; and
- (ii) detecting a visible colour change as a consequence of the colorimetric component being cleaved from the peptide; wherein the peptide is KHLGGGALGGGAKE.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/036469

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03063693	A	07-08-2003	CA 2474458 A1 WO 03063693 A2	07-08-2003 07-08-2003
WO 9938995	A	05-08-1999	FR 2774097 A1 AU 759503 B2 AU 2167999 A CA 2318461 A1 EP 1051509 A1 WO 9938995 A1 JP 2002501756 T PL 342028 A1 US 6649365 B1	30-07-1999 17-04-2003 16-08-1999 05-08-1999 15-11-2000 05-08-1999 22-01-2002 07-05-2001 18-11-2003
WO 0206821	A	24-01-2002	AU 8762801 A CA 2418214 A1 WO 0206821 A2 EP 1301797 A2 JP 2004504603 T US 2004028672 A1 ZA 200300013 A	30-01-2002 24-01-2002 24-01-2002 16-04-2003 12-02-2004 12-02-2004 24-03-2004